THE INDIANAPOLIS NATIONAL BANK Designated United States Depository. Corner Room Odd-fellows' Hall.

THEO. P. HAUGHEY. Pres't. E. E. REXFORD, Cash

CONDITION OF THE MARKETS

Wheat Rules Weak, with Only a Moderate Trade on Fairly Large Offerings.

Corn Quiet and Comparatively Steady-Oats Easy-Mess Pork Active at Irregular Prices-Lard Weak and Unsettled.

MONEY, BONDS AND STOCKS. The Market Active, but Weak, with Lower

Prices on the Entire List. NEW YORK, Dec. 1 .- Money on call was easy at 1102 per cent., closing offered at 2. Prime mercantile paper, 41 @6 per cent.

Sterling exchange was dull but steady at \$4.84} for sixty-day bills and \$4.884 for demand. The total sales of stocks to-day were 115,151

shares, including the following: Delaware, Lackawanna & Western, 2,300; Erie, 2,700; Lake Shore, 16,000; Missouri Pacific, 10,800; Northwestern, 28,500; Northern Pacific preferred, 1,900; Oregon Transcontinental, 2,000; Reading, 7,500; St. Paul, 8,200; Texas Pacific, 1,700; Union Pacifie, 4,200.

The stock market was active, feverish and weak to-day throughout the entire session and the result of the two hours' business is to leave the entire list materially lower than last evening. The temper of the room was conservatively bearish, but London was doing nothing, though the arbitragures had some selling orders, while the commission people were not a factor at any time in the course of prices. The "bears" under such circumstances, became more aggressive as the day wore along and the market became more active and the weakness more pronounced. The pressure was specially severe against the Southwestern stocks, the Grangers and a few others, such as Louisville & Nashville and Cotton Oil, the last named being a marked feature of the market. The Vanderbilts and Lake Shore, in particular, were the strong featnres of the day, aithough they were fractionally

lower at the close. The opening figures were from 1 to 1 per cent below last night's prices, and, while the list was dull, further fractional losses were sustained in the early trading, followed by slight reactions before the end of the first hour. Outside of Cotton Oil, however, the list displayed little feature until after 11 o'clock, when the activity became greater and the weakness more decided. Northwestern coming to the front and leading the decline in the regular list. The market finally closed active, and very weak, at the lowest prices reached. Everything on the active list is lower this evening. Manhattan and Atchison, Topeka & Santa Fe lost 2 per cent., Omaha preferred and Missouri Pacific 1 per cent, each. Louisville & Nashville and New England 11 each, Canada Southern and Richmond & West Point preferred 1 per cent. each and the others fractional amounts.

The railroad bond market was also active, the sales for the two hours amounting to \$613,000. but this was very evenly distributed, and the tone of the dealings remained steady throughout, leaving most of the issues traded in practically unchanged, while the Mexican Central in-

Sales of bonds for the week were \$3,937,000 only, against over \$6,000,000 for last week. Government bonds were dull and steady.

State bonds were dull and firm. The closing notations were: Four per et. bonds...1273g Kansas & Texas.... 12 Louisi's stamped 4s. 893 L. & N. A.......... 36 Missouri 6s....... 102 Mem. & Charleston. 53 Tenn. settlem'nt 6s. 1031 Michigan Central. .. 8419 Tenn. settlem'nt 5s.100 Mil., L. S. & W. 52 Tenn. settlemn't 3s. 7118 Mil., L. S. & W. pref 90 Can. Southern 2ds.. 9178 Minn. & St. Louis... Central Pacific 1sts. 113 | Minn & St. L. pref .. 15 Den. & Rio G. 1sts... 11914 Missouri Pacific..... 7518 Den. & Rio G. 45.... 763 Mobile & Ohio..... 9 Den. & R. G. W. 1sts 78 Nashville & Chatta.. 8119 North'n Pac. 1sts...1174 C. & Northw'n pref. 1384 North'n Pac. 2ds....10914 New York Central...108 Northwest'n cons'ls. 14238 N. Y., C. & St. L.... 1712 Northw't debe'n 5s. 1083 N. Y., C. & St. L. pref 69 Oregon & Trans. 6s. 10119 Ohio & Mississippi... 21 St. L. & I. M. gen 5s 84 Ohio & Miss. pref... 84 St. L. & S. F. gen m11614 On Prio & Western... 1478 St. Paul consols....125 ore. Improvement.. 69 St. P., C. & Pac. 1sts119 Oregon Navigation.. 92 2 Tex. Pacific 1sts... 9019 Ore. & Transcontin'l 283, Tex. Pacific 2ds... 38 Pacific Mail. 3718 Union Pacific 1sts... 11419 Peoria, D. & E.... 23 Delaware & Hudson 118 W., St. L. & P. pref 24 Receipts—Flour, 10,000 brls; wheat, 29,000 bu; Del., Lack. & West. 136 Wells & Fargo Exp. 136 corn, 349,000 bu; oats, 156,000 bu; rye, 13,000 bu; D. & Rio Grande... 15 W. U. Telegraph... 83 barley, 85,000 bu. Shipments—Flour, 8,000 East Tennessee.... 9 Am. cot.-seed cert'f. 5178
East Tenn. pref. 1sts 65 Colorado Coal..... 32
Homestake...... 12

I B. &	k W	1	4			الناة
The	weekly	bank s	tatement	shows	the follo	wing
change	8:					
Reserv	e, decre	ase			\$2,325,	
Loans,	increas	e		******	590	200
Specie,	decreas	10			4.872	900
Legal t	enders,	increase	0		1,643	200
Depesi	ts, decre	ease			3,977	500
Circula	ation, de	crease	*******		51	700
					excess of	the
	cent. ru				STATE OF THE PARTY	

NEW YORK, Dec. 1 .- Bar silver, 934c.

Business of the Clearing-Houses. BOSTON, Dec. 2 .- The following table shows the gross exchanges at the leading clearing houses of the United States for the week ending Dec. 1, 1888, with the rates per cent. of increase or decrease, as compared with the similar amounts for the corre-

sponding week in 1887	(2)	
New York \$	589,599,450	Decrease19.1
Boston	79,898,173	Decrease 7.7
Phitadelphia	60,198,548	Decrease. 21.1
Chicago	48,337,000	Decrease 27.5
St. Louis	15,020,575	Decrease13.9
San Francisco	15,941,370	Decrease14.2
Baltimore	10,256,173	Decrease 19.1
New Orleans	12,245,032	Decrease. 25.4
Pittsburg	11,717,746	Decrease. 2.8
Cincinnati	9,987,100	Decrease11.8
Kansas City	8,038,486	Increase 12.4
Louisville	5.916.096	Increase 20.5
Providence	4,329,400	Increase. 28.9
Minneapolis	5,190,929	Decrease 13.7
Milwaukee	5,178,767	Decrease 15.3
St. Paul	3,994,910	Decrease 7.0
Omaha	3.173,561	Decrease. 2.9
Detroit	3.931.105	Increase 15.3
Memphis	2,980,574	Increase 23.9
Cleveland	3,236,002	Decrease. 5.7
Columbus	2,039,308	Decrease17.7
Duluth	1,805,026	Decrease 50.2
Denver	2,356,247	Decrease. 7.3
Galveston	1,795,534	Decrease 1.0
Indianapolis	1,775,990	Decrease23.9
Richmond	1,559,741	Decrease. 2.3
Peoria	1,162,135	Increase 0.4
Portland	764,912	Decrease. 30.9
Norfolk	997,776	Decrease 19.5
Hartford	1,588,850	Decrease 10.1
New Haven	1,020,408	Decrease 18.3
Springfield	968,759	Decrease10.2
St. Joseph	1,307,626	Decrease 12.8
Worcester	874,732	Decrease 21.0
Los Angeles	645,808	Decrease56.2
Lowell	645,808 532,214	Decrease. 24.7
Syracuse	587,706	Increase 2.2
Wichita	577,219	Decrease 7.7
Grand Rapids	522,324	Decrease10.0
	000,000	

288,309 Increase.. 29.1 Topeka.... Totals\$922,070,814 Decrease .. 17.5 Outside New York ... 332,471,364 Decrease ... 14.4

NEW YORK AND CHICAGO.

Yesterday's Quotations on Produce at the Two Great Commercial Centers. NEW YORK, Dec. 1.-Flour-Receipts, 24,-718 packages; exports, 1,890 brls, and 500 sacks; duil and steady; sales, 10,150 bris.

Corn-meal dull. Wheat-Receipts, 49,300 bu; exports, none; sales, 3,616,000 bu futures; no spot. Spot market dull and unsettled, with options closing firm; nominally, | @ |c up; No. 2 red, \$1.05| @ 1.052;

3 red, 98½c; No. 2 Chicago, \$1.10½; No. 2 Milwan-kee, \$1.05½; No. 1 white, \$1.05½ @1.06; No. 1 red, kee. \$1.05\frac{1}{2}; No. 1 white. \$1.05\frac{1}{2}\varpi1.06; No. 1 red, \$1.14. Options active and irregular; early \$\frac{1}{2}\varpi_{\text{lc}} \text{inver. advanced \$1\frac{1}{2}\varpi_{\text{lc}} \text{and closed unsettled at \$\frac{1}{2}\varpi_{\text{lc}} \text{over yesterday. No. 2 red, December, \$1.03\frac{1}{2}\varpi_{\text{lc}} \text{21.05\frac{1}{2}}; January, \$1.05\frac{1}{2}\varpi_{\text{lc}} \text{21.07\frac{1}{2}\varpi_{\text{lc}} \text{21.06\frac{1}{2}}; February, \$1.07\frac{1}{2}\varpi_{\text{lc}} \text{21.06\frac{1}{2}}; February, \$1.07\frac{1}{2}\varpi_{\text{lc}} \text{21.06\frac{1}{2}}; March, \$1.09\varpi_{\text{lc}} \text{10\frac{1}{2}}. closing at \$1.10\frac{1}{2}; May, \$1.11\frac{1}{2}\varpi_{\text{lc}} \text{21.12\frac{1}{2}}; closing at \$1.11\frac{1}{2}; July, \$1.10\frac{1}{2}\$.

Rye heavy and dull; Western, 62 265c. Barley dull; No. 1 Canada, 90 @ 92c; No. 2 Canada, 88 @ 89c; Western, 70 @ 81c.

Corn-Receipts, 68,100 bu; exports, 71,356 bu; sales, 640,000 bu futures, 151,000 bu spot.

Oats-Receipts, 142,600 bu: exports, none; sales, 180,000 bu futures, 129,000 bu spot. Spot market 121c higher and moderately active. Options dull, 101c up; December, 3110311c, closing at 31%; January. 32 9-16 @ 32%c, closing at 32%c; May, 35%c; spot, No. 2 white, 35%c; mixed Western, 31 @ 33c; white Western, 34 @ 42c; No. 2

Chicago, 321c. Hay in better supply and steady; shipping 60 @65c; good to choice, 85c@\$1.

Hops dull and easy. Coffee-Options opened firm and closed steady. Sales 107,500 bags, including December, 15.35@15.45e; January, 15.50@15.55e; February, 15.50@15.70e; March, 15.55@15.80e; April, 15.70 @15.85c; May, 15.70@15.90c; June, 15.85@ 15.95c; July, 15.90@16.05c; August, 15.80@ 16.10c; September, 15.95@16.25c; October, 16.00c. Spot Rio higher and more active; fair cargoes, 17c. Sugar-Raw firm and quiet; fair refining, 5 3-16e; centrifugal, 96° test, 64e; refined quiet and steady. Molasses-New Orleans in full demand and steady. Rice firm and

wanted; domestic, 42 @63c; Japan, 42 @53c. Tallow strong; city, 64c bid. Rosin quiet; common to good strained, \$1.021@1.071. Eggs steady and in fair demand; Western, 251 @ 26c; receipts, 4,528 packages. Pork active and lower: mess, \$15.25 @ 15.50. Cut meats weak; middles quiet. Lard dull; Western steam, 8.60c; December, 8.38 @ 8.41c, closing at 8.40e; January, 8.25 @ 8.30e, closing at 8.25e;

February, 8.27e; March, 8.28 @ 8.32c, closing at 8 28e; April. 8.30e; May, 8.31 28.36e, closing at 8.31c; June, 8.33c. Butter higher; prices checking the demand; Western dairy, 14@27c; Western creamery, 22 @37c; Elgins, 38@40c. Cheese firm and in fair demand; Western, 91 @111c.

somewhat nervous, feeling existed. Opinions differ widely as to the future market. Trade was only moderate, with the offerings fairly large, and buyers rather inclined to hold off. Liverpool was reported dull and easy. Antwerp quotations, however, showed an advance in red winter and California equal to 8 to 9 c per bushel, but this was considered an error, as the market wes quoted quiet. The markets in the Northwest are a shade higher. The deliveries of wheat on December contracts were heavy, estimated at 1,500,000 bushels, and was rumored to have centered mostly in the hands of a trader supposed to have been, or is, on the "long" side. The opening was about the same as yesterday's closing to a shade better, but under fair offerings, during most of the session, declined with some fluctuations, 11c, and closed about 13e lower than yesterday. December dropped to 7@7tc discount on the May price, which covered carrying charges. Corn ruled quiet and comparatively steady. Trading was largely local, with opening sales a shade lower than the closing prices of yesterday. after which the market fluctuated within go range and closed to lower than on Friday. Receipts were liberal and estimates for Monday quite large. Trading consisted chiefly in changing December into the more deferred months. Deliveries of December contracts were light, probably 50,000 bu. The market for oats was quiet and easier. Deliveries on December contracts were larger than expected. Offerings were readily absorbed at any concessions in price. Mess pork active and prices irregular. Offerings were quite liberal and the demand moderatively active. Prices 5@74c higher, but declined 30 @35c, and the market closed tame. Trading was moderately active in lard and the market was weak and unsettled. Prices were regular and .20 @.25c lower, closing at inside figures. Short ribs were moderately active and prices were irregular and .15 @. 20c lower. The leading futures ranged as follows:

	Opening	Highest.	Lowest.	Closing.
Wheat-December.	\$1.0414	\$1.0414	\$1.0231	\$1.023
January	1.06	1.06	1.0434	1.0414
May		1.1118	1.0919	1.09%
Corn-December	35%			
January	35%	3578		
May		3814		
Oats-December				261
January				263
May			3018	3018
Pork-December				13.35
January	13.7719	13.7719	13.35	13.25
May	14.1212	14.121	Carlotte State and Sales	13.80
Lard-December	8.10	CONTRACTOR DESCRIPTION OF THE PERSON OF THE		8.00
January	7.95	7.9710	Take Take Inc.	7.70
May	0.0000000000000000000000000000000000000	Section 1	7.8712	
Short Ribs-Jan'ary		7.10	6.90	6.90
May	7.2719	7.2719	100 per 100 pe	7.10

Cash quotations were as follows: Flour quiet and unchanged. No. 2 spring wheat, \$1.021 a 1.023; No. 3 spring wheat, 88@96c; No. 2 red \$1.02\ \alpha 1.02\ \cdot\; No. 2 corn, 35\ \cdot\; No. 2 oats, 26\ \alpha \tag{26}\ \cdot\; No. 2 rye, 51\ \cdot\; No. 2 barley, nominal; No. 1 flaxseed, \$1.504; prime timothy-seed, \$1.50; mess pork, per bri, \$13.374 @13.50; lard, per pound, 8e; short-rib sides (loose), 7.00 @ 7.10e; dry-salted shoulders (boxed), 7.121 @7.25c; short-clear sides (boxed), 7.50 @7.621c; whicky, distillers' finished goods, per gai, \$1.20. On the Produce Exchange, to-day, the butter market was quiet; extra creamery, 341 @ 36c; extra firsts, 31 @32c; fancy dairy, 27 @30c; extra

barley, 85,000 bu. Shipments-Flour, 8,000 brls; wheat, 17,000 bu; corn, 332,000 bu; oats, 128,000 bu; rye, 9,000 bu; barley, 47,000 bu.

TRADE IN GENERAL

Quotations at St. Louis, Philadelphia, Baltimore, Cincinnati and Other Points.

ST. LOUIS. Dec. 1 .- Flour quiet and nominally unchanged. Wheat lower. The market was unsettled most of the session, first declining uc, then reacting 78c. but afterward settling down, as all other markets were declining and advices bearish, finally closing 1c below yesterday. No. 2 red, cash, \$1.00%, nominal; December, \$1.01@1.01%, closing at \$1.01 bid; January, \$1.03% closing at \$1.02% nominal; May, \$1.08% @1.08% 21.09%, closing at \$1.08% asked; July, 95%, closing at 95c bid. Corn about steady; No. 2. cash, 34¹4c; December, 32³8:\(\pi 32^5\)sc, closing at 32⁵sc; January, 32¹4\(\pi 32^3\)sc, closing at 32⁵sc; January, 32¹4\(\pi 32^3\)sc, closing at 32⁵sc; February, 32³4c; May, 35¹sc, closing at 35¹sc bid. Oats quiet but firmer; No. 2 cash, 25c; May, 30c. Rye quiet at 50¹9\(\pi 51^c\)c. Barley—Nothing done; buyers well supplied and indifferent. Hay about steady; prairie, \$7\(\pi 9\); timothy, \$11\(\pi 14^c\). Bran, 66c. Flaxseed higher at \$1.42\(\pi 1.45^c\). Butter nominally unchanged greamery 32\(\pi 36^c\) daily 22\(\pi 30^c\). 66c. Flaxseed higher at \$1.42\$\tilde{v}1.45. Butter nominally unchanged; creamery, 32\$\tilde{v}36c; dairy, 22\$\tilde{v}30c. Eggs steady at 19c for good stock, and 3\$\tilde{v}5c less for inferior. Corn-meal dull at \$1.95. Whisky steady at \$1.14. Provisions demoralized. Pork, \$14.50. Lard nominally at 7.80\$\tilde{v}7.90c. Dry-salted meats—Shoulders, 6.75c; longs, and ribs, 7.25c; short clear, 7.50c. Bacon—Shoulders, 7.37\forall gc; longs and ribs, 8.37\forall gc; short clear, 8.62\forall gc. Hame, 10.50\$\tilde{v}\$ locally corn, 156,000 bu; oats, 36,000 bu; rye, 2.000 bu; barley, 15,000 bu; corn, 51,000 bu; oats, 15,000 bu; rye, 4,000 bu; barley, 1,000 bu; corn, 51,000 bu.

MINNEAPOLIS, Dec. 1.—The heavy receipts of

MINNEAPOLIS, Dec. 1.—The heavy receipts of wheat were again a source of depression to the sample market, and buyers used this as an effectual lever to force values lower. Trading was slow in starting, the demand being so limited that all classes of buyers felt perfectly safe regarding holding out of supplies. felt perfectly safe regarding holding out of supplies.

Some lots were picked up by millers who were after
the hard wheat before noon, but most of the trading
was done after 12. A good deal of grain was not
sold, buyers holding off on the theory that Monday's
large receipts must serve to further depress values.

Seliers were asking about yesterday's prices early,
but made concessions later. Closing quotations: No.
1 hard, December. \$1.20; January, \$1.212; May,
\$1.28; on track, \$1.2121.22; No. 1 Northern, December, \$1.08; January, \$1.092; May, \$1.143;
on track, \$1.1121.12; No. 2 Northern, December,
\$1.07; January \$1.034; May \$1.08; on track \$1.07; January, \$1.0312; May, \$1.08; on track, \$1.02@1.04.

BALTIMORE, Dec. 1 .- Wheat-Western, quiet; No. 2 winter red, spot, and December, 99 \(2099 \) \(3c; \)

January. \(\Struct 1.02 \) \(1.02 \$16.50@17.50. Provisions steadier, joboing trade. Mess perk. \$16.50. Butter, scarce and firm; best roll, 22@25c; creamery, 33@38c. Coffee firm; Rio fair, 16%c. Receipts—Flour, 10,000 brls; wheat, 13,000 bu; corn, 55,000 bu. Shipments—Flour, 2,000 brls; corn, 18,000 bu. Sales—Wheat, 294,000 bu; corn, 50,000 bu.

CINCINNATI, Dec. 1.— Flour — Demand light. Wheat dull. No. 2 red. \$1.04@1.05; receipts, 1,000 bu; shipments, 2,000 bu. Corn easier: No. 2 mixed, 44c; new No. 3 mixed, 36c. Oats steady; No. 2 mixed, 29@2912c. Rye barely steady; No. 2, 55c. Pork dull and nominal at \$14.50. Lard dull and lower at Sc. Bulk meats and bacon dull and un-changed. Whisky strady; sales, 1,593 brls of fin-ished goods on a basis of \$1.14. Butter strong. Sugar steady. Eggs easier at 20c. Cheese firm. DETROIT, Dec. 1.—Wheat—No. 1 white, cash, \$1.034g; No. 2 red, cash and December, \$1.037s; January, \$1.05%; May, \$1.11. Corn—No. 2, cash, S8c; January, 36 c. Oats—No. 2, 271c; No. 2, white, 29%c. Receipts—Wheat, 22,800 bu; corn, 15,200 bu; oats, 10,000 bu.

TOLEDO, Dec. 1.—Wheat active and lower; cash; \$1.01 \(\pi 21.05 \) \(\pi \) December, \$1.00 \(\pi \); May, \$1.00 \(\pi \). Corn active and easier; No. 3 cash, 36 \(\pi \) c. Oats steady; cash 27c. Clover-seed active; cash and Deelevator, \$1.07 afloat, \$1.052 2 1.072 f. o. b.; No. | cember, \$5, 719; January, \$5.25; February, \$5.3219.

Receipts-Wheat. 19,000 bu; corn, 33,000 bu. Shipments-Wheat, 2,000 bu; corn, 80,000 bu; oats, 13,000 bu.

NEW YORK, Dec. 1 .- Petroleum opened firm at 867sc. The fluctuations after the opening were very narrow, the extreme range of prices being 5sc, and the market closed dull at 865sc. Consolidated Exchange—Opening, 867sc; highest, 87c; lowest, 865sc; closing, 865sc. Stock Exchange—Opening, 865sc; highest, 871-7c; lowest, 865sc; closing, 865sc. Total sales, 847,000 brls.

OIL CITY, Pa., Dec. 1 .- National Transit certificates opened at 86°sc; highest, 87c; lowest, 86°sc; closed, 86°sc; sales, 503,000 brls; clearances, 2,180,000 brls; charters, none; shipments, 76,318 brls; runs, 79,131 brls.

PITTSBURG, Pa., Dec. 1 .- Petroleum dull but firm. National Transit certificates opened at 867gc; closed at 865gc; highest, 871gc; lowest, 865gc. WILMINGTON, N. C., Dec. 1 .- Turpentine firm

CHARLESTON, S. C., Dec. 1. - Turpentine, SAVANNAH, Ga., Dec. 1 .- Turpentine firm at

NEW YORK, Dec. 1.—Pig-iron steady and quiet. Copper nominal; lake, December, 17.35c. Lead quiet and steady; domestic, 3.65c. Tin steady and more active; straits, 22.25e. ST. LOUIS, Dec. 1 .- Lead values are nominal, and the market at a standstill.

Dry Goods.

NEW YORK, Dec. 1 .- As usual to the close of the week and month, business was light for intermediate wants, but the registering of orders for spring was well maintained, but chiefly from salesmen on the road. The tone of the market was very strong. Wool.

ST. LOUIS, Dec. 1.—Wool—Sales small, owing to the holiday, and besides, both buyers and sellers are disposed to postpone operations until the result of the London sales is ascertained.

LIVERPOOL, Dec. 1.—Cotton quiet and un-changed. Sales, 7,000 bales, of which 500 bales were for speculation and export, and included 5,900 bales American.

Cotton.

LIVE STOCK. Cattle Dull and Barely Steady-Hoge Weak and Lower-Sheep Slow Sale. INDIANAPOLIS, Dec. 1.

CATTLE-Receipts. 675; shipments. 575. The supply was very light for Saturday. Market dull and barely steady at yesterday's prices. No fancy grades on all sale. All sold at the close. Fancy to heavy shippers\$4.60 @ 5.00 CHICAGO, Dec. 1.—Wheat ruled weak and a Good to choice...... 4.00 24.40 Common 2.60@3.10 Feeders 3.00 @ 3.50

 Stockers
 2.00 \(\phi \) 2.75

 Good to choice heifers
 2.75 \(\pi \) 3.25

 Common to medium heifers
 2.00 \(\phi \) 2.50

Hogs-Receipts, 7,275; shipments, 1,075. Quality good. Market opened weak and about 5c lower. Later prices weakened 5@10c, and closed quiet. Some unsold. The following are closing quotations: Heavy......\$5.20@5.30

Light 5.15@5.25 Mixed 5.10@5.20 SHEEP-Receipts, 475; shipments, 500. But few here. Market dull and slow sales at about the same prices.

Fair to medium...... 3.00@3.35 Common..... 2.25@2.7

Eisewhere.

ST. LOUIS. Dec. 1.— Cattle — Receipts, 300; shipments, 2,600. Market steady; choice heavy native steers, \$5.05.60; fair to good native steers, \$4.40.25.10; butchers' steers, medium to choice, \$3.30@4.40; stockers and feeders, fair to good. \$2 @3.15; rangers, corn-fed, \$3@4.20; grass-fed, \$2.10 Hogs-Receipts, 1,900; shipments, 3,000. Market

slow; choice heavy and butchers' selections, \$5.25 25.35; packing, medium to prime, \$5.10 25.30; light grades, ordinary to best, \$5 \$5.20. Sheep—Receipts, none; shipments, none. Market steady; fair to choice, \$3 24.40. KANSAS CITY, Dec. 1,-The Live Stock Indicator reports: Cattle-Recepts, 1,170; shipments, 1,042. Market slow and values irregular. Good to choice

corn-fed, \$4.60@5; common to medium, \$3.20@ 4.50; stockers and feeding steers, \$1.60@3.40; grassrange steers, \$1.60@3; cows, \$1@2.80. Hogs-Receipts, 4,484; shipments, 103. Market active and 5@10c lower. Good to choice, \$5.20@ 5.25; common to medium, \$4.80@5.15. Sheep-Receipts, 251; shipments, -... Market steady to strong. Good to choice muttons, \$3.50 @ 3.75; common to medium, \$1.50@3.

CHICAGO, Dec. 1.—The Drover's Journal reports: Cattle—Receipts, 3,000: shipments, ——. Market dull. Choice beeves, \$4.60\pi_5; steers, \$3\pi_4.50; stockers and feeders, \$1.90\pi_3; cows, bulls and mixed, \$1.25\pi_3; Texas steers, \$2.30\pi_3.15; Western rangers, \$3 04. Hogs-Receipts, 13,000; shipments, 4,000. Mar

ket 10c lower. Mixed, \$5.10@5.35; heavy, \$5.15@ 5.40; light, \$5.15@5.45; skips, \$3.40@4.90. Sheep-Receipts, 4,500; shipments, 1,000. Market steady. Natives, \$3@4.50; Westerns, \$3.10@3.80; Texas, \$2.50@3.40; lambs, \$3.75@5.25. EAST LIBERTY, Pa., Dec. 1 .- Cattle-Receipt 494; shipments, 684. Nothing doing all through consignments. Forty-one cars of cattle shipped to

Hogs-Receipts, 2,500; shipments, 3,400. Market firm; Philadelphias, \$5.25@5.30; mixed, \$5.25@5.35; Yorkers, \$5.25@5.30; common to fair, \$5.10 25.20; pigs, \$525.25. Fourteen cars of hoga shipped to New York to-day. Sheep-Receipts, 800; shipments, 800. Market dull at unchanged prices. BUFFALO, Dec. 1. - Cattle steady. Receipts: butchers', \$2.75@3.25 Sheep and Lambs-Receipts, 200 head through; Hogs-Active and 5@10c lower. Receipts, 3,500

100 for sale. Sheep steady at \$5@5.50 for prime. head through; 5,200 head for sale. Medium Yorkers and pigs, \$5.25; roughs, \$4.50@4.75; stags, \$4@ 4.25.
CINCINNATI, Dec. 1.—Cattle — Receipts, 330.
shipments, 90. Market ysteady. Hogs—Receipts, 6,900; shipments, 2,260. In light demand and lower; common and light, \$4.50\(\pi\)5.25; packing and butchers', \$5\(\pi\)5.35.

Sheep—Receipts, 390; shipments, none. Market firm. Lambs in fair demand *: \$3.50\(\pi\)5.75.

INDIANAPOLIS MARKETS. Trade Active for the First Day of the Month, with Firm Prices Ruling.

INDIANAPOLIS, Dec. 1. In many departments to-day there was a good deal of activity, and the tendency of prices on most lines was upwards. Sugars, which have been a little slow, are moving more briskly, and in the East prices are t of a cent higher. Coff fees are very firm at the advance of Friday. Canned goods are firmer in tone, with an increasing inquiry, and other staple groceries rule firm. The dry goods men had rather a quiet week, but look for an improvement the coming week. Prices on all line of dry goods rule strong, and on some lines higher prices are indicated. The provision market is rather tame, and while there is something doing in a jobbing way, prices rule steady and unchanged. In the produce markets little has been doing the last day or two. Grocers are clearing up their left-over stocks from Thanksgiving. Eggs are still in good demand and firm, while poultry and butter are weaker in tone. Apples rule firmer with cooler weather, but prices have not materially advanced. The same remark will apply to Irish potatoes. Sweet potatoes are in better supply and moving with considerable freedom. Game is in light demand. Cranberries in large supply, with a good deal of inferior stock on the market. Oranges are coming in more freely, and the quality is improving. But few lemons are offered, and but few are wanted. Bananas are plenty and cheap. The hide market is sluggish at unchanged

The attendance on 'Change to-day was small and little interest was shown in the bidding. Prices and bide ruled as follows: Wheat-Receipts, five cars. Market quiet; quotations nomnal. No. 2 red duit at \$1 @1.02; No. 3 red salable at 90 @96c; rejected, at 73 @85c for poor to good samples, and choice at 85 @ 90c.

Corn-Receipts posted to-day 12 cars. Old corn in no demand; new corn in good demand for local use at prices quoted; shippers report orders few in numbers; new No. 4 white salable at 314 @ 334c; new No. 4 mixed at 314 @ 324c; new ear mixed, 291 @ 301c. But little of the corn arriving is better than No. 4. Choice samples of No. 4 or No. 3 would find ready sale at somewhat better figures than those above quoted. very strong, with little offering; both jobbers and shippers in the market. No. 2 white 204 @ and shippers in the market. No. 2 white 294 @ 30c; No. 3 white, 274c bid; No. 2 mixed is in demand at 27@274c; rejected salable at 23@26c.

Hay and Straw—Receipts posted to-day, 1 car.

Demand is good for better grades. Choice timothy, \$14.50 bid; No. 1 timothy sells readily at \$14;

2 timothy, \$11.50@12, dull; mixed, \$10@10.50;

No. 1 prairie, \$8.50@9.50; No. 2 prairie, \$7.98.

We quote straw at \$5.05.50; rye straw, \$6.26.50.

Feeds-Bran market firm; offerings light;

shippers bidding \$12.25; local jobbers, \$12.50@ 12.75. Hominy feed slow sale at \$13.10 @ 13.50. The Jobbing Trade.

CANNED GOODS.

Peaches-Standard. 3-pound, \$1.80@2.00; 3-pound seconds, \$1.40@1.60. Miscellaneous-Blackberries, seconds, \$1.40@1.60. Miscellaneous—Blackberries, 2-pound, \$0@90c; raspberries, 2-pound, \$1.15@1.30; pineapple, standard, 2-pound, \$14.0@2.50; seconds, 2-pound, \$1.10@1.20; cove oysters, 1-pound, full weight, 95c@\$1; light, 65@70e; 2-pound, full, \$1.70@1.80; light, 90c@\$1; string beans, 85@95c; Lima beans, \$1.20@1.30; peas, marrowfat, \$1.20@1.40; small, \$1.50@1.75; lobsters, \$1.85@2; red cherries, 95c@\$1.10; strawberries, \$1.20@1.30; salmon (Bs), \$1.90@2.50. COAL AND COKE.

Anthracite, \$7.25 and \$7.50 P ton; Jackson lump, \$4.00 P ton; nut, \$3.50; Brazil block, \$3.50 P ton; \$4.00 \$\psi\$ ton; nut, \$3.50; Brazil block, \$3.50 \$\psi\$ ton; nut, \$3.00; Pittsburg, \$4.00 \$\psi\$ ton; nut, \$3.75; Raymond and Winifrode, \$4.00 \$\psi\$ ton; nut, \$3.75; Duggar lump, \$3.25 \$\psi\$ ton; nut, \$2.75; Island City lump, \$3.25 \$\psi\$ ton; nut, \$3.00; Highland lump, \$3.00 \$\psi\$ ton; nut, \$2.50; Piedmont and Blossburg, \$5.00 \$\psi\$ ton; Indiana cannel, \$5.00 \$\psi\$ ton; gas-house coke, 11c \$\psi\$ bu, or \$2.75 \$\psi\$ load; crushed coke, 12c \$\psi\$ bu, or \$3.00 \$\psi\$ load.

Alcohol, \$2.22@2.30; asafætida. 15@20c: alum, 4 @5c; camphor, 30@32c; cochineal, 50@55c; chloro-form, 50@55c; copperas, brls, \$3@3.50; cream tar-tar, pure, 40@42c; indigo, 80@81c; licorice, Calab., tar, pure, 40@42c; indigo, 80@81c; licorice, Calab., genuine, 30@45c; magnesia, carb.; 2-oz, 25@35c; morphine, P. & W. & oz, \$2.80; madder, 12@14c; oil, castor, & gal, \$1.10@1.15; oil, bergamot, & morphine, P. & W., & oz, 50@55c; balsam copabia, 60@65c; soap, Castile, Fr., 12@16c; soda, bicarb., 42@6c; salts, Epsom, 4@5c; sulphur, flour, 4@6c; saltpetre, 8@20c; turpentine, 50@54c; glycerine, 25@30c; idodide potass., \$3@3.20; bromide potass., 40@42c; chlorate potass, 25c; borax, 10@12c; cinchonidia, 12@ ate potash, 25e; borax, 10012e; cinchonidia, 120

OILS—Linseed oil, raw, 57c P gal; boiled, 60s, coal oil, legal test, 9@14c; bank, 40c; best straite; 45c; Labrador, 60c; West Virginia, lubricating, 20@30c; miners' 65c. Lard Oils—No. 1, 50@50c; do, extra, 65@70c, WHITE LEAD—Pure, 63c; lower grades, 54@6c.

DRY GOODS. Tickings—Amoskesg ACA, 13c; Conestoga B F 15c; Conestoga extra, 13¹2c; Conestog Gold Medal, 14c; Conestoga CCA, 12c; Conestoga AA, 10c; Conestoga X, 9c; Parl River, 12c; Falls OBO, 32-inch, 13¹2c; Methuen AA, 12¹2c; Oakland A, 7¹2c; Swift River, 7¹2c; York, 32-inch, 13¹2c; York, 30-inch, 11¹2c; BLEACHED SMEETINGS-Blackstone AA, 734c; Ballou

& Son. 7 gc; Chestaut Hill, 6c; Cabot 4-4, 7 gc; Chapman X, 6 lec; Dwight Star S, 8 gc; Fruit of the Loom, 8 gc; Longdale, 8 gc; Linwood, 8c; Mason-ville, 8 gc; New York Mills, 10 gc; Our Own, 5 gc; Pepperell, 9-4, 22c; Pepperell, 10-4, 24c; Hills, 8 gc; Hope, 7 gc; Knight's Cambric, 8c; Lonsdale Cambric, 10c; Whitinsville, 33-inch, 6 gc; Wamsutta, 10 gc.

GINGHAMS—Amorkeag, 7 loc; Bates, 7 loc; Glonces GINGHAMS—Amoskeag, 7¹2c; Bates, 7¹4c; Gloucester, 7¹9c; Glasgow, 6¹9c; Lancaster, 7¹9c; Ranelman's, 7¹9c; Reafrew Madras, 8¹9c; Cumberland, 6¹9c; White, 7c; Bookfeld, 9¹9c.

GRAIM BAGS American, \$16; Atlanta, \$18; Frank-linville, \$17.50; Lewiston, \$18; Ontario, \$16.50; Stark 4 \$21 PAPER CAMBRIOS-Manville, 6c; S. S. & Son, 6c; Masonville, 6c; Garner, 6c. PRINTS-American fancy, 61gc; Allen's fancy, 6c; Allen'sdark, 54c; Allen's pink, 64c; Arnold's, 64c; Berlingcolid colors 6c; Cocheco, 6c; Conestoga, 5 2c; Dunnell's, 5 2c; Eddystone, 6 2c; Hartel. 5 2c; Har-mony, 5c; Hamilton, 6c; Greenwich, 5 2c; Knicker-

booker, 5 ber Malldry pink, 6c. BROWN SHEETINGS -Atlantic A, 71gc; Boott C, 6c; Brown Sherrings—Atlantic A. 7-9c; Boott C. 6c;
Agawam E. 5-9c; Bedford R. 5c; Augusta, 5-9c;
Boott AL, 6-9c; Continental C, 6-9c; Dwight Star,
Sc; Echo Lake, 6c; Graniteville EE, 6-9c; Lawrence
LL, 6c; Pepperell E, 7-9c; Pepperell R, 6-9c; Pepperell 9-4, 20c; Pepperell 10-4, 22c; Utica 9-4, 22-9c;
Utica 10-4, 25c; Utica C, 4-9c. FOREIGN FRUITS.

Raisins, London layer, new, \$3.50@3.75 \$\Psi \text{box}; loose, muscatelle, 2-crown, \$2.50@3.75 \$\Psi \text{box}; Valencia, new, 7\frac{1}{2}\pi 80 \$\Pi\$ lb; citron, 24\pi 26c \$\Pi\$ lb; currants, 6\frac{1}{2}\pi 7\frac{1}{2}c \$\Pi\$ lb. Bananas-Jamaica, \$1.50\pi 2.00; Aspinwall, \$1.50\pi 2.50. Oranges-Floridas, russets, \$2.25\pi 2.50; brights, \$2.50\pi 3.00 \$\Pi\$ box. Lemons-Fair stock, \$2.50; choice, \$2.75; extra fancy, \$3.50; Figs. 14\pi 16c. Prunes-Turkish, old, 44\pi 4\left new 5\pi 5\left loc. 44@41sc; new, 5@51sc.

FRUITS AND VEGETABLES.

APPLES—Per brl, choice, \$1.50\pi_2; common. 75e

\$1.25; selling in bulk on track, 30\pi_40c \pi bu.

CEANFURNIES—Per brl, \$5.50\pi_8.00; bushel boxes,

choice, \$2,50@2.75.

GRAPIS—Concords, fresh and repacked. 20c P
basket; inferior stock, 8@10c P basket; Catawbas,
20@25c P basket; Malagas, \$5.00 for heavy weight,
\$4.00 for light weight.

ONIONS—\$1.10@1.40 P brl; Spanish, \$1.00@ 1.10 P crate of brl, \$1.25@1.50; from car, 46@ SWEET POTATOES-Jerseys, \$3.25@3.50 P brl for bnik: packed stock, \$3.75@4.00 P bri; Kentucky, \$2.00@2.25 P bri on ged GROCERIES.

COFFEES—Ordinary grades. 15@16c; fair, 1619 @17c; good, 1712@1819c; prime, 1912@2019c; strictly prime to choice, 2012@2119c; fancy green and yellow, 2112@2219c; old government Java, 3012@3119c; ordinary Java, 2612@2719c, imitation Java, 2412@2519c; reasted coffees, 213pc.

MOLASSES AND SYRUPS—New Orleans molasses, 213pc. fair to prime, 30 @35c; choice, 40 @50c. Syrups, 30

FLOUR SACRS—No. 1 drab, 4 brl. \$33 \$\psi\$ 1,000; 12 brl. \$17; lighter weight, \$1 \$\psi\$ 1,000 less.

LEAD—72 \$c for pressed bars.

Dried BEEF—11 \$\pi\$ 13c. SPICES-Pepper, 184019c; allspice, 10012c; eleves, 24025c; cassia, 10012c; nutmegs, 70085c STARCH-Refined pearl, 3@314c P th; Eureka, 5 @6c; Champion gloss lump, 31204; improved corn,

Sigobe. Houisiana, 5@7c. SHOT-\$1.45@1.50 \$ bag for drop. SHOT...\$1.45@1.50 \P bag for drop.
SUGARS...Hards. 7\(2\) \@8\(2\) c; confectioners' A, 7\(3\) \@7\(2\) c; off A, 7\(2\) \@7\(3\) c; white extra C, 7\(2\) 7\(2\) c; fine yellows, 6\(3\) \@6\(3\) c; good yellows, 6\(3\) \@6\(3\) c; fair yellows, 6\(3\) \@6\(3\) c; common yellows, 6\(4\) \@6\(3\) c.

SALT...In car lots, 90c; small lots, \$1.00\(2\) 1.05.

TWINE...Hemp, \$12\(2\) 18c \P B; wool, 8\(2\) 10c; flax, 20\(2\) 30c; paper, 18c; jute, 12\(2\) 15c; cotton, 16\(2\) 25c.

WOODENWARE...No. 1 tubs, \$7.75\(2\) 8.00; No 2 tubs, \$6.75\(2\) 7.00; No. 3 tubs, \$5.75\(2\) 6.00; 3-hoop pails, \$1.75\(2\) 1.80; double washboards, \$2\(2\) 2.75; common washboards, \$1.20\(2\) 1.85; clothes-pins, 50

WOODEN DISHES -- Per 100, 1 tb, 20c; 2 tbs, 25c 3 ma, 30c, 5 ma, 40c. WRAPPING PAPER.--Crown straw, 18c & bundle; medium straw, 27c; double-crown straw, 36c; heavy-weight straw, 13, 22c & fb; crown rag, 20c & bunweight straw, 1422c v is; crown rag, 20c; v band dle; medium rag, 30c; double-crown rag, 40c; heavy-weight rag, 24, 23c v is; Manila, No. 1, 829c; No. 2, 5426 c; print paper, No. 1, 627c; book paper, No. 3, 8, & 0, 10211c; No. 2, 8, & C., 829c; No. 1, S. & C., 740 Sc. ered mun erkon AND STEEL.

Bar iron (rates), 202.25e; horse-shoe bar, 3.25 Norway rail rod. Sc; German steel plow-slabs, 45 American drill steel, 10@12c; Sanderson tool steel 16c, tire steel, 4c; spring steel, 6c; horse shoes \$\psi \text{keg}\$ \$\psi 4.25 \to 4.50; mules shoes \$\psi \text{keg}\$, \$\psi 5.25 \tau 5.50 \\
horse nails \$\psi \text{box}\$, \$8d., \$\psi 5; steel nails, 10d. and larger, \$\psi 2.25 \to 2.85 \$\psi \text{keg}\$; other sizes at the usual advance; wire nails, \$\psi 2.90. Tinners Supplies—Best brand charcoal tin, IC, 10x14, 14x20, 12x12, \$6.75; IX, 10x14, 14x20 and 12x12, \$5.50; IC, 14x20, roofing tin, \$5.25; IC, 20x28, \$10.50; block tin, in pigs, 27c; in bars, 29c. Iron—27 B fron, 81gc, 27 C iron, 5c; galvanized, 50 and 10 per cent discount. Sheet zinc, 7c. Copper bestoms, 80c. Ranished copper, 36c; solder, 162

LEATHER, HIDES AND TALLOW LEATHER—Oak sole, 35 \$37c; hemlock sole, 26 \$32c; harness, 30 \$35c; skirting, 37 \$38c; black bridle, \$60 \$78 \$\psi\$ doz.; city kip, \$60 \$80; French kip, \$85 \$120; city calf-skins, 85 \$1.10; French calf-skins, \$1.15 \$1.80. HIDES-No. 1, cured, 6 2c; No. 2, 4 2c; No. 1 green, 5c; No. 1 calf, green, 5c; No. 1 calf, cured, 6 2c; No. 2, 2c off; dry salt, 7c; flint, 8c. Sheepsans Pelts, 25 280c.

Tarbow Prime, 4 2 24 3c.

Greas Brown, 2 2c; yellow, 23c; white, 4 2c.

BEAMS—Choice hand-picked navy, \$2.25 P
bu; medium hand-picked, \$2.00@2.15.

BEESWAS—Dark, 18c; yellow, 20c.

BUTTER Fair creamery, 18@20c; choice, 23@25c;
country, 14@15c; common, 7@9c. EggsucSamplers paying 20c; selling from store FEATHERS! Prime geese 250 P to; mixed duck,

GAME—Ducks, mallard, \$2.75 P doz; prairie chickens, \$3.75 24.50 P doz; quails, \$1.25 21.50 P doz; squirrels, \$1.00@1.25 \$\rightarrow\$ doz; venison, 18c \$\rightarrow\$ ib; whole deer, 10c \$\rightarrow\$ ib; rabits, \$1.

Poultry-Hens, 5@6\frac{1}{2}c; chickens, 6@6\frac{1}{2}c; young turkeys, 6\frac{1}{2}@7c; old hen turkeys, 6\frac{1}{2}@7c; toms, 6\frac{1}{2}@7c; roosters, 3c; geese, full-feathered. \$\rightarrow\$ doz, \$4.80\varticle{2}5.00; plucked, \$3.50\varticle{2}4.20; ducks, old and Wool-Tub-washed and picked, 33@35e; un-

washed, medium and common grades, if in good order, 22c; unwashed fine, 17@28c; fleece washed, if light, well washed and in good order, 28@30c; burry and unmerchantable, according to their value.
PROVISIONS.

JOBBING PRICES—Smoked meats—Sugar-cuerd hams, 10 to 12 fbs average, 13c; 15 fbs average, 12%c; 17% bs average, 12%c; 20 fbs average, 12%c; 22 fbs average, 12c; English-cured breakfast bacon, light or medium, 13%c; sugar-cured shoulders, 10 to 12 fbs average, 10c; California hams, light or medium, 10%c; dried beef hams, 11c; dried beef hams, knuckle pieces, 11c; dried beef hams, thin pieces, 9c. Bacon—Clear sides, medium average, 10%c; clear backs, medium average, 10%c; clear backs, medium average, 10%c; clear bellies, medium weight, 10%c. Dry salt and Pickled Meats—Clear sides (unsmoked), 10c; clear bellies (unsmoked), 10c; clear bellies (unsmoked), 10c; clear pork, & brl 200 fbs, \$17.00; family mess pork, & brl 200 fbs, \$15.00; Bologna—Skin, large or small, 7%c; cloth, large or small, 7c. Lard—Pure winter leaf, kettle rendered, in tierces, 10%c; in one-half brls, 10%c; in 50-fb cans in 100-fb cases, 10%c; in 20-fb cans in 80-fb cases, 10%c. Refined Lard—In tierces, 9%c; in 50-fb cans in 100-fb cases, 10c. SEEDS.

Clover—Red, choice, 60 th bu, \$4.50@4.75; English, choice, \$4.30@4.60; White, choice, \$6.75@7.50; Alsike, \$6.75@7.50; Alfalfa, choice, \$5@7.50. Timothy—Choice 45 th bu, \$1.75@2.25 Blue grass—Fancy, 14 th bu, 80c@\$1.00. Orchard sar mixed, 294 @ 304c. But little of the corn arriving is better than No. 4. Choice samples of No. 4 or No. 3 would find ready sale at somewhat better figures than those above quoted.

Oats—Receipts posted to-day nil. Market is

Oats—Receipts posted to-day nil. Market is

Rape, 7c & B. New popeorn, 1@2c PB.

> Real Estate Transfers. Instruments filed for record in the recorder's office of Marion county, Indiana, for the twenty-four hours ending at 5 P. M., Dec. 1, 1888, as furnished by Elliott & Butler, abstracters of titles, Room 23, Ætna

William F. Quigley to Emil W. Koehler, lot 55, in Allen & Root's north addition \$2,700.00

Henry H. Cook to John L. Griffiths et al., lots 98 and 111, in Woodruff Place.... James Wilson to Michael T. Curley, lots 5 and 6, in the town of Bridgeport.... The Trustees of Trinity College to Sarah Cumback, lot 7, in Downey's Arsenal Heights subdivision of Bryan's addi-

2,400.00

600.00

250.00 ard, bishop of Vincennes, lots 98, 102, 103 and 104, in Kuhn & Johnson's addition to West Indianapolis...

Nanette Kuhn et al. to same, lots 99, 100 and 101, in Kuhn & Johnson's addition to West Indianapolis

Elisha J. Howland to Margaret M. Howland, the south half of lot 16, in John-1,050.00 son & Brown's addition to Northwood... Thomas J. Fleming to John Sapp. lot 1,

in G. Scheubner's subdivision of John H. Vajen's addition. John J. McDannold, assignee, to Emma Tyler, lots 25 and 30, in Purcell's sub-in block 128; also, lots 3 and 4 in block 625.00 129, in Brightwood..... Frank McWhinney to Margaret Buch-

Ashley, lots 36 and 37, in Milligan's 84.50 925.00 Park Front addition Frank O. Wadsworth to Charles F. Keller, 1,040.00 Joseph C. Small, commissioner, to Oliver E. Wilson, lot 18, in J. M. Ridenour's Highland Home addition.... Elizabeth A. Snipes to Nancy Jones, lot 35, in Frank & Kappes's addition.....

Conveyances, 15; consideration.....\$13,314.50

A Thousand Bushels of Potatoes Raised to the Acre. That the yield of a crop is governed by the mode of cultivation and amount of fertilizer used is shown by the experiments made at the experimental farm of the Rural New Yorker, which inaugurated also a different system of planting. The trial was made on four plots, one of which produced at the rate of 1,076 bushels of potatoes per acre; but, owing to the ravages

of the flea-beetle on one of the plots, the general average was at the rate of 583 bushels per The plots were planted on April 20, but two weeks previously the seed potatoes were spread out singly in a warm room, the object being to leave them shoot out, so as to secure the most vigorous seed, all imperfect specimens being rejected. The potatoes were then cut according to the number of strong eyes developed, and three eyes to a piece were secured. The trenches were dug with a spade, about seven inches deep and a foot wide, and fertilizer strewn both under and over the seed. About 880 pounds of fertilizer were evenly sown in the bottom of the trench and incorporated with the soil with a hoe. Over this an inch of soil was raked and the seed pieces placed thereon, one foot apart, the trenches being three feet apart, measured from the middle of each. They were then covered with another inch of soil, and powdered sulphur then scattered upon it at the rate of 400 pounds per acre. Then 880 pounds more of fertilizer was spread, making 1,760 pounds to an acre, when the trenches were then refilled with the soil taken out, which, being somewhat lighter than the rest, left the soil of the trenches higher than that between them. As the soil of the trench was not compacted, the ridge was

left to settle to the general level, as all billing up was carefully avoided. The cost of raising an acre of potatoes under the trench system is given by the Rural New Yorker as follows: Plowing and harrowing, \$6.50; trenching (with a shovel plow), \$5; filling in the trenches with a drag or cultivator, \$5; seeding and planting, \$10: cultivating, \$6; harvesting, \$10; fertilizer, (1,500 pends), \$30; total, \$72.50. The expense is less per bushel for the large crop than for a smaller one, the cost of the 583 bushels being about 121 cents per bushel. Compared with the usual method, if we place an ordinary yield at 150 bushels, and estimate the market price at 50 cents per bushel, costing \$42, (without the use of so much fertilizer), with \$75 worth of product, with the improved method, at an estimate of 300 bushels, the cost is \$72.50, with \$150 worth of product, or a profit of \$77.50 against \$33.

There is considerable potash and phosphoric acid left over in the soil for another crop. If a field of potatoes is to be grown under the trench system use plenty of fertilizer, not less than 1.200 pounds per acre, which should analyze 5 per cent. of ammonia, 10 per cent. of phosphoric acid, and 8 per cent. of potash; and though the cost of the fertilizer may be an item at first, the yield of the crop will more than pay for it and give a larger profit as well.

Bone Meal for Wheat Land.

Colman's Rural World. Respecting the use of bone fertilizers on wheat land, we will say that all of the constituents of bones are food for the wheat plant, and their more important substances are quite essential to the plant's growth and development. An application of 200 pounds to the acre of properly prepared bone meal ought to give an increase in yield of from five to ten bushels to the acre. Sometimes in using coarsely ground bone meal there does not seem to be much effect produced, but this is due to the fact that bone decays slowly, and the coarser it is the slower will be the effect, and often the result is that it does more good to the second crop than to the first. Therefore, if an immediate effect is wanted, the bones must be finely pulverized. Mest of the drills made now have fertilizer attachment placed in front of the grain box, and the fertilizer is distributed when the grain is drilled. It would hardly do to mix the fertilizer with the grain and drill from the same bex. Being of a different density and degree of fineness, we would suppose they would not stay mixed and would be unevenly distributed. In the absence of a drill with the fertilizer attachment, the fertilizer can be sown broadcast by hand.

RAILWAY TIME-TABLES.

DENNSYLVANIA LINES_THE DIRECT AND POPULAR PASSENGER ROUTES. Trains leave and arrive at Indianapolis as follows:

PANHANDLE ROUTE—RAST.

Leave for Ptsbrg. & N. Y...... 4:30am 2:55pm 5:10pm

"Richmond and Columbus.... 9:00am 4:00pm

Arrive from N. Y. & Pitsbg.ll:40am 6:50pm 10:20pm

"Columb's, Richm'd, etc. 9:40am 3:50pm

Sleepers to Pittsburg and New York without change. CHICAGO DIVISION.

Leave for Chicago and Northwest....11:20am 11:20pm

Arrive from Chicago and Northwest. 3:50am 3:50pm

J. M. & I. B. R.—SOUTH,
Leave for Louisville and the South...... 4:05am 8:30am 4:00pm 5:10pm Arrive from Louisville and the South......10.45am 11:10am 6:40pm 11:00pm

Vincennes Accommodation, Leave,... Vincennes Accommodation, Arrive... 4:00pm 10:50am Cairo Express, Arrive ...

TANDALIA LINE-SHORTEST ROUTE TO ST. LOUIS AND THE WEST.

THE SHORT LINE The only line with solid trains to Bloomington and Peoria, with through cars to principal Missouri river points, in several hours less time than any other line. Also, through Sleeping and Re-clining-chair Care via Danville to Chicago, making as

clining-chair Care via Danville to Chicago, making as quick time, at lower rates, than any other line. The authorized differential route East, with quick time and through tickets to principal Eastern cities, at considerably less than regular rates.

Trains at Indianapolis Union Depot
Leave, going East. *4:10 am 11:00 am *9:00 pm
Leave, going West. *7:30 am 3:30 pm *11:00 pm
Arrive, from East. *7:00 am 3:15 pm *10:30 pm
Arrive, from West. *3:50 am 10:40 am *8:40 pm
*Daily. All trains have the finest of Buffet Sleeping and Reclining chair Cars. For tickets and full information apply at 42 and 44 Jackson Place, opposite main entrance Union Station, the Union Station, Indianapolis, or to any agent on the line. dianapolis, or to any agent on the line.

Look in local column for special notices of ex-

cursions, reduced rates, etc. THE SAFE LINE CINCINNATI,

Dayton, Toledo, Detroit, Washington, New York, the EAST and SOUTH Trains leave Indianapolis: 3:55 a.m. (daily), 10:50 a.m., 3:50 p.m., 6:25 p.m.

O) LOUISVILG. HEW ALBANY & CHICAGO NALIGO

Trains arrive at Indianapolis:

8:30 a.m., 11:40 a.m., 4:55 p.m., 10:55 p.m. (daily.)

Only line with night train to Toledo and Detroit.

W. H. FISHER, Gen'l Ag't C., H. & I.

The ONLY LINE running a MORNING TRAIN to Chicago, returning the same day. Leave Indianapolis 7:10 a.m. daily; returning, leave Chicago 11:40 p. m. daily, arriving Indianapolis S:10 a.m. Other trains leave as follows: 11:55 a. m. (except Sunday), arrive at Chicago at

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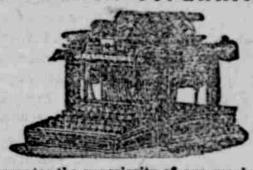
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